

What is claimed is:

1. A method of producing a color filter, which comprises forming pixels on a transparent substrate using a colored composition containing (a) an amino resin having a carboxyl group and/or a phenolic hydroxyl group and (b) a coloring material by an ink-jet printing method, followed by curing the pixels.

2. The method of producing a color filter according to claim 1, wherein the amino resin (a) having a carboxyl group and/or a phenolic hydroxyl group is an amino resin obtained by condensing (a-1) (4,6-diamino-1,3,5-triazin-2-yl)benzoic acid with (a-2) at least one aldehyde compound selected from the group consisting of formaldehyde, glyoxylic acid, succinsemialdehyde, and hydroxybenzaldehyde.

3. The method of producing a color filter according to claim 1, wherein the amino resin (a) having a carboxyl group and/or a phenolic hydroxyl group is an amino resin obtained by condensing (a-3) at least one triazine compound selected from the group consisting of melamine, benzoguanamine, and (4,6-diamino-1,3,5-triazin-2-yl)benzoic acid with (a-4) at least one aldehyde compound selected from the group consisting of glyoxylic acid, succinsemialdehyde, and hydroxybenzaldehyde.

4. The method of producing a color filter according to claim 1, wherein the pixels are thermosetted.

5. The method of producing a color filter according to claim 1, wherein the colored composition further contains (c) a compound having a photopolymerizable functional group.

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6. The method of producing a color filter according to claim 5, wherein the amino resin (a) having a carboxyl group and/or a phenolic hydroxyl group is an amino resin obtained by condensing (a-1) (4,6-diamino-1,3,5-triazin-2-yl)benzoic acid with (a-2) at least one aldehyde compound selected from the group consisting of formaldehyde, glyoxylic acid, succinsemialdehyde, and hydroxybenzaldehyde.

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7. The method of producing a color filter according to claim 5, wherein said amino resin (a) having a carboxyl group and/or a phenolic hydroxyl group is an amino resin obtained by condensing (a-3) at least one triazine compound selected from the group consisting of melamine, benzoguanamine, and (4,6-diamino-1,3,5-triazin-2-yl)benzoic acid with (a-4) at least one aldehyde compound selected from the group consisting of glyoxylic acid, succinsemialdehyde, and hydroxybenzaldehyde.

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8. The method of producing a color filter according to claim 5, wherein the pixels are thermosetted after photopolymerization.

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